

TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

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Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) November 2001  
(through week 48 ending December 1, 2001)

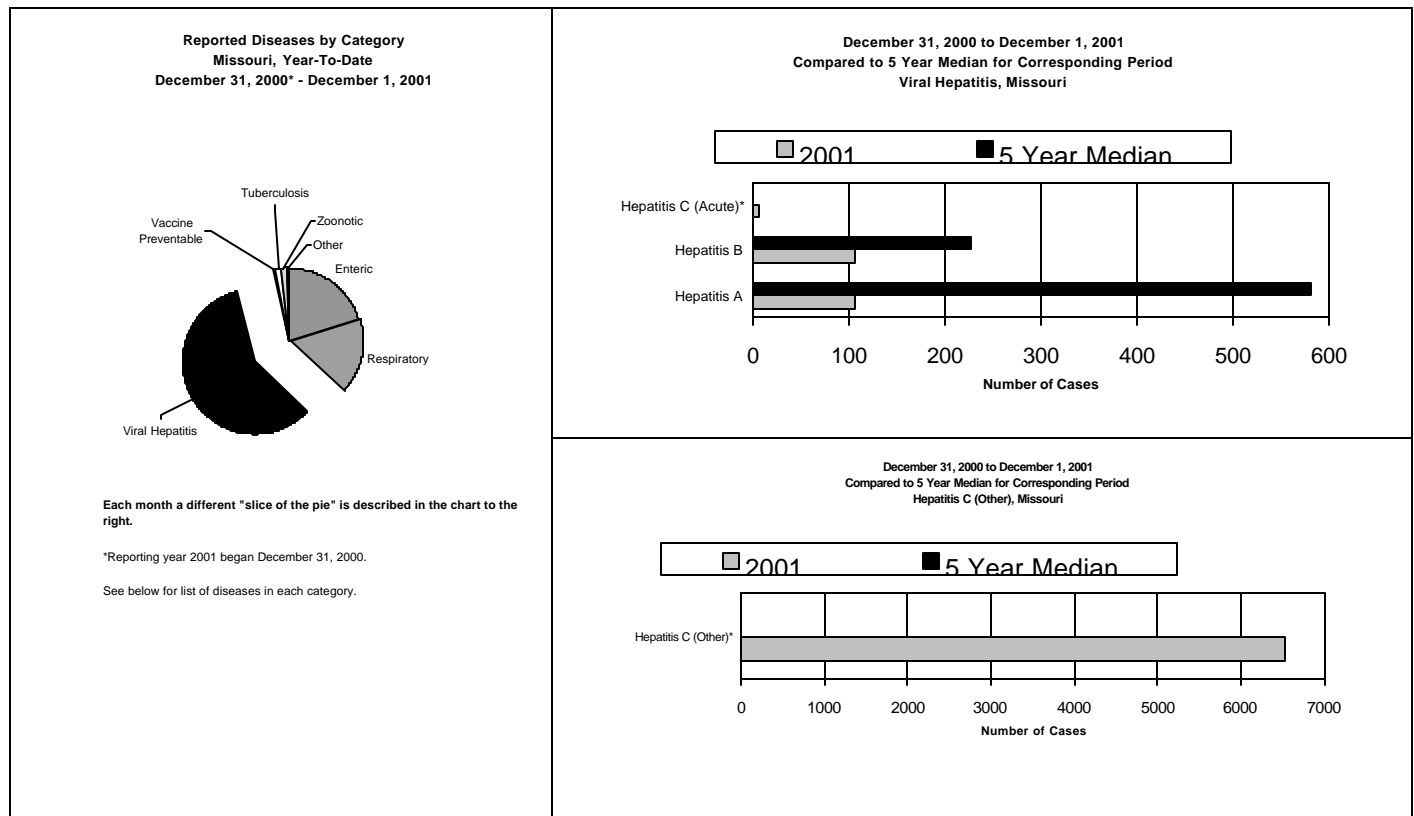
DATE: January 4, 2002

The Office of Surveillance and the Section of Communicable Disease Control and Veterinary Public Health publish a monthly update on selected reported communicable diseases. This information may also be found on the Missouri Department of Health and Senior Services homepage at [www.dhss.state.mo.us](http://www.dhss.state.mo.us) under Resources/Diseases Directory/Reports.

Educational literature may also be found at this web site in the Publications Section.

The after hours emergency number for the Missouri Department of Health and Senior Services is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health and Senior Services at (800) 392-0272.

## Monthly Communicable Disease Update, November, 2001 (Provisional Data)



### Reported Cases of Selected Diseases by Category

	2001 Nov	2001 YTD	2000 YTD	5 Year Median YTD	% Change 5 Year Median	Number of Cases - November 2001 by Health District						
						CD	ED	NE	NW	SE	SW	Unk
Enteric Diseases												
Campylobacteriosis	23	585	653	522	+ 12.07%	2	10	1	2	3	4	1
Cryptosporidiosis	5	45	29	29	+ 55.17%		1		4			
E. coli O157:H7 #	5	57	108	56	+ 1.79%		4		1			
Giardiasis	37	677	779	723	- 6.36%	9	19	1	5	1	1	1
Listeria monocytogenes	2	10	5	8	+ 25.00%		1		1			
Salmonellosis	51	612	677	572	+ 6.99%	7	19	3	12	5	4	1
Shigellosis	15	300	631	367	- 18.26%	3	9	1	2			
Yersinia enterocolitica	2	14	15	12	+ 16.67%		1		1			
Respiratory												
Influenza (Lab Confirmed)	19	1907	2435	1004	+ 89.94%	5	13		1			
Legionellosis	2	23	25	18	+ 27.78%	1	1					
Viral Hepatitis												
Hepatitis A	4	105	248	581	- 81.93%		1		3			
Hepatitis B	3	106	134	226	- 53.10%		3					
Hepatitis C (Acute)*	1	6	29	na	na						1	
Hepatitis C (Other)*	541	6530	4589	na	na	56	143	7	169	41	85	40
Vaccine Preventable												
Mumps	1	2	4	3	- 33.33%						1	
Pertussis	6	96	85	71	+ 35.21%		2		1	1	1	1
Tuberculosis												
Tuberculosis Disease	20	130	176	176	- 26.14%	3	6	3	7	0	1	
Zoonotic												
Ehrlichiosis	2	29	67	18	+ 61.11%	1					1	
Lyme Disease	0	26	45	45	- 42.22%							
Rocky Mtn Spotted Fever	0	62	39	18	+ 244.44%							
Tularemia	2	22	28	15	+ 46.67%						2	
Other												
HIB Disease	3	16	22	10	+ 60.00%	1	2					
Malaria	1	13	19	13	0.00%		1					
Meningococcal Disease	4	49	66	82	- 40.24%		3		1			

\*Hepatitis C became reportable in 1997; it was previously included in Hepatitis Non A, Non B.

Hepatitis C (Other) represents positive tests (HCV EIA, RIBA, or PCR) but did not meet CDC's case definition for acute Hepatitis C.

Reportable diseases of very low incidence (<10 cases in previous year) are not included.

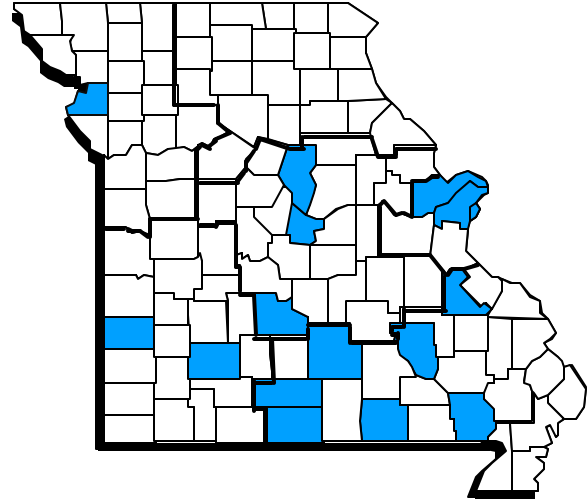
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## Monthly Communicable Disease Update, November, 2001 (Provisional Data)

### Confirmed Rabies in Animals

Species	November		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	36	0	619	1
Cat	38	0	675	1
Bat	14	1	876	31
Skunk	0	0	47	5
Fox	2	0	20	1
Cow	2	0	30	0
Horse	1	0	7	1
Ferret	2	0	13	0
Raccoon	10	0	194	0
Rodent/Rabbit	5	0	159	0
Other Domestic	1	0	5	0
Other Wild	1	0	38	0
Exotic	0	0	1	0
Unknown	0	0	1	0
Total	112	1	2685	40

Confirmed Animal Rabies in Missouri  
By Health District  
December 31, 2000 - December 1, 2001



Counties Under Rabies Alert: Greene

Correction: During July, a positive bat was reported in Dallas County. It has been determined that the exposure occurred in Laclede County.

### Active Surveillance System

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health.

The Department of Health and Senior Services has developed an enhanced surveillance system to detect and initiate timely response to biological, chemical or radiological terrorism events. Recent implementation of the new High Alert Surveillance System (HASS) has replaced the Sentinel Active Surveillance System (SASS) reporting method in some counties. Future inclusion of HASS data is under consideration.

### 2000 Census Population by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
721,996	1,940,293	256,339	1,311,453	551,105	814,025